

WELCOME TO THE 2020 SMALL BUSINESS FORUM

U.S. ARMY ENGINEERING AND SUPPORT
CENTER, HUNTSVILLE



COL Marvin L. Griffin, P.E.
Commander



LTC H. W. Hugh Darville
Deputy Commander



Albert "Chip" Marin III
Program Director



Colleen O'Keefe
Center Chief of Contracting



US Army Corps
of Engineers®



AGENDA



Welcome

Ms. Rebecca Goodsell, OSBP Chief

Mission and Vision

COL Marvin Griffin, Commander

What You Need to Know

Mr. Chip Marin, Program Director

Small Business Statistics

Ms. Rebecca Goodsell, OSBP Chief

Future and Pending Awards

Ms. Colleen O'Keefe, Contracting Director

Question and Answer Period

Panel

Closing Remarks

COL Marvin Griffin & Mr. Chip Marin



HUNTSVILLE CENTER TIMELINE



15 OCT 1967 ESTABLISHED

SEVEN NEW ASSIGNMENTS

SUPPORT & DEVELOPMENT

CENTERS OF EXPERTISE

UMCS

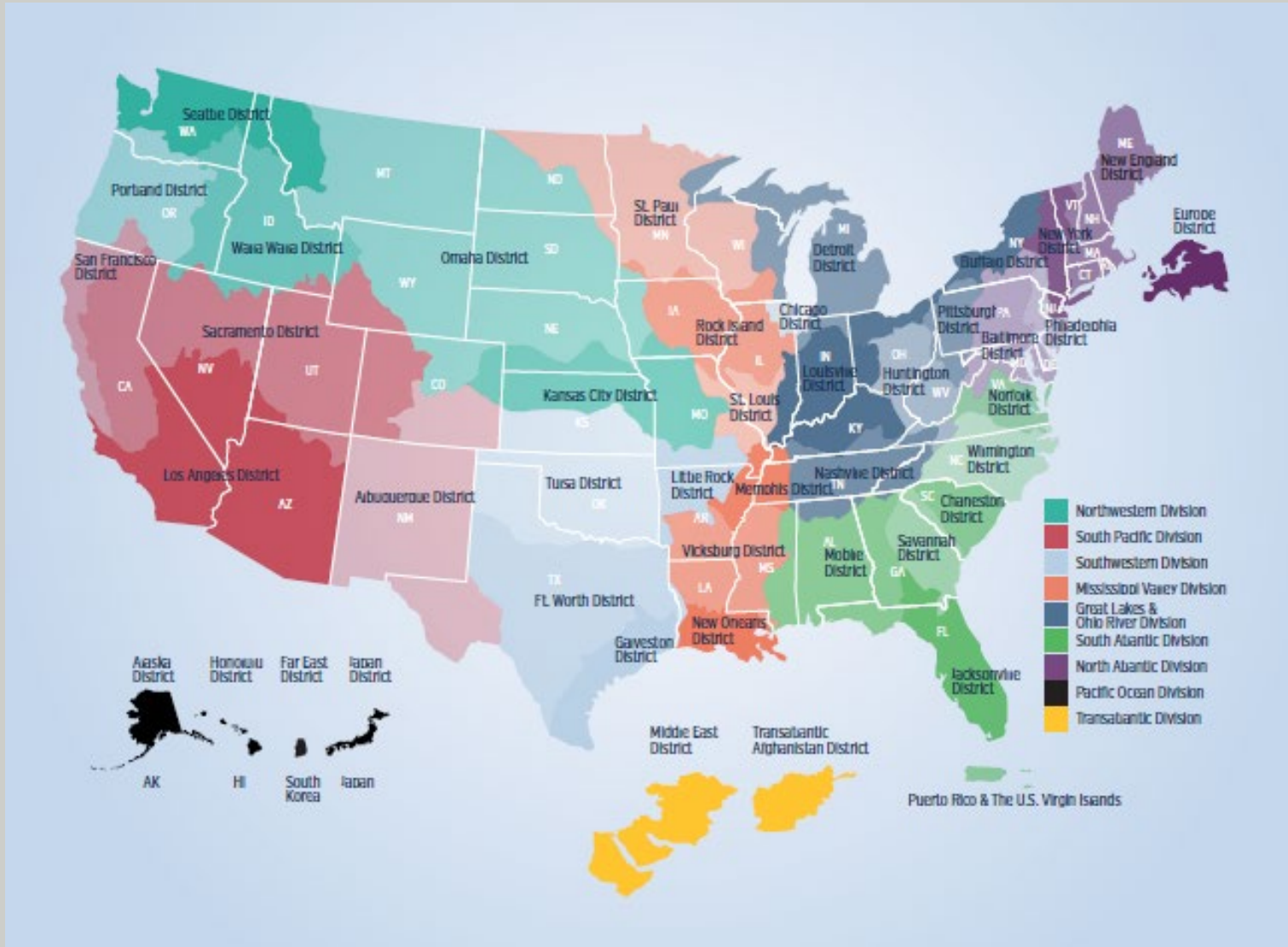
22 NOV 1995 DESIGNATED ENGINEERING & SUPPORT CENTER

INSTALLATION SUPPORT





USACE DIVISION & DISTRICT BOUNDARIES



Lieutenant General Scott A. Spellmon

Commanding General and Chief of Engineers
Headquarters, U.S. Army Corps of Engineers

HQ, USACE Facts:

U.S. Army Corps of Engineers (USACE) employs approximately 34,000 Civilian Employees and 800 Military personnel with a presence in more than 43 countries and provides reach-back technical and construction expertise to more than 110 countries worldwide.

USACE owns and operates 700+ dams; maintains 12,000 miles of waterways, 240 locks and 2,200 levee systems. About 2 trillion of U.S. trade moves through the ports and waterways that we manage.

USACE is the Nation's largest provider of outdoor recreation operating 93K campsites and 36K picnic sites. Our projects host about 370 million visitors who spend some \$16 billion yearly; supporting an estimated 270,000 jobs.

USACE is the largest owner and operator of hydroelectric power plants in the U.S., providing 3% of the total national electric capacity, producing approximately 75 billion kilowatt-hours of electricity in its 75 hydropower plants. The electricity generated nearly \$4 billion in gross revenue.

CEHNC crosses all 9 MSC boundaries.



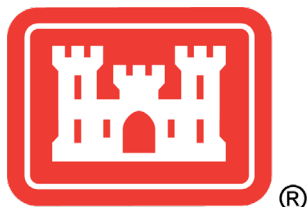
HNC MISSION AND VISION



HNC MISSION: The U.S. Army Engineering and Support Center, Huntsville provides specialized technical expertise, global engineering solutions, and cutting-edge innovations through centrally managed programs in support of national interests.

HNC VISION: A certified, professional workforce with an expeditionary mindset capable of pioneering solutions to unique, complex and high-risk missions in strengthened partnership with the USACE enterprise, key DOD stakeholders and our strategic allies.

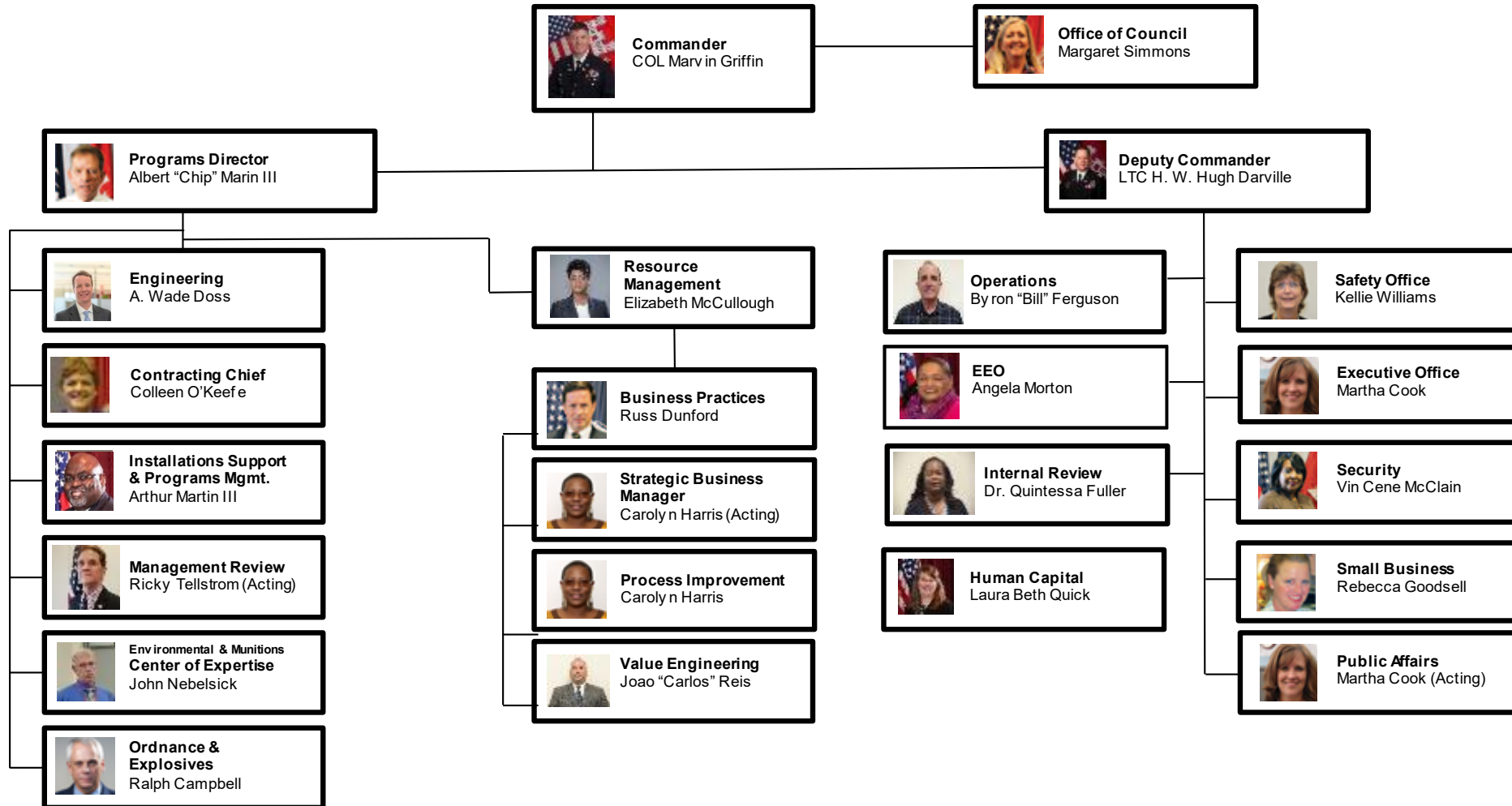
The U.S. Army Engineering and Support Center, Huntsville, engineers adaptive, specialized solutions across a broad spectrum of global enterprise covering five main lines of effort: Energy, Operational Technology, Environmental, Medical, and Base Operations and Facilities.



The U.S. Army Engineering and Support Center, Huntsville engineers solutions for the Corps' toughest challenges!



ORGANIZATION CHART



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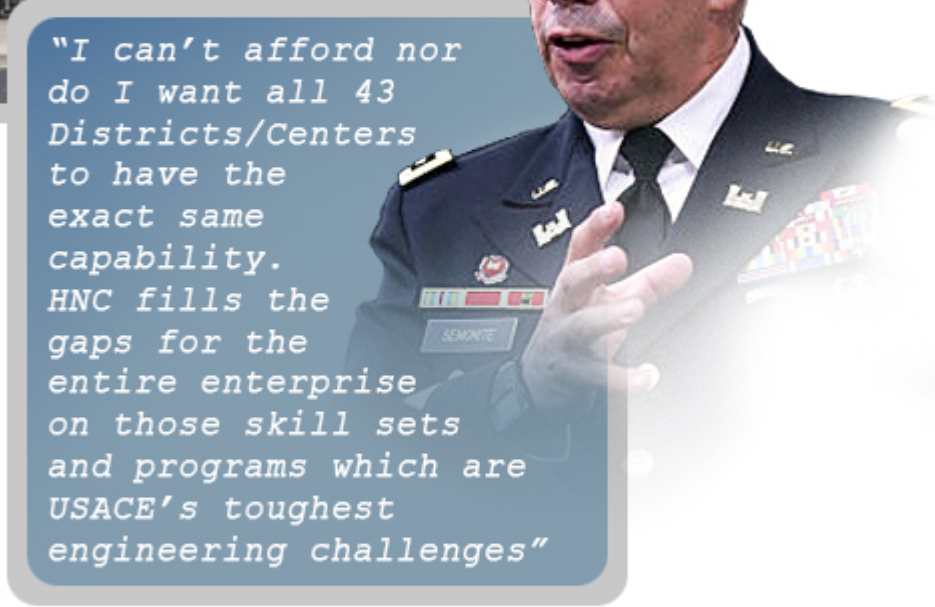


WHAT WE DO

NO MILCON
NO Civil Works

Rather, HNC executes programs and projects assigned by HQs which require...

- Centralized program management
- Unique/highly specialized/niche technical expertise
- National or broad in scope – crosses MSC boundaries
- Requires systems functionality, commonality, adaptation
- Emerging technology which later must be promulgated across the enterprise
- Backup to MSC/District as required



"I can't afford nor do I want all 43 Districts/Centers to have the exact same capability. HNC fills the gaps for the entire enterprise on those skill sets and programs which are USACE's toughest engineering challenges"

Chief of Engineers
18 April 2019



HNC ORGANIZATIONAL OVERVIEW



Huntsville Center's more than 1,000 employees manage nearly 3,000 ongoing projects at any given time. These projects fall into five portfolios: Medical, Facilities and Base Operations, Energy, Operational Technology, and Environmental. The portfolios comprise 43 program areas, as well as 8 mandatory and 6 technical centers of expertise, and 17 centers of standardization. Projects are generally broad in scope, require specialized technical expertise, centralized management or are functions not normally accomplished by a Headquarters, USACE organizational element.

HNC PORTFOLIOS:

- Medical
- BASEOPS and Facilities
- Energy
- Operational Technology
- Environmental

Represents:
43 Programs
8 Mandatory Centers of Expertise
6 Technical Centers of Expertise



HUNTSVILLE CENTER PORTFOLIO

PORTFOLIO

END USERS

STRATEGIC PARTNERS

PROGRAMS

KEY ACQUISITIONS

EFFECT

1 MEDICAL

HOSPITAL COMMANDERS,
MEDICAL RESEARCH,
HEALTH CARE PROVIDERS,
VETERANS AFFAIRS



DHA, MEDCOM
HQ USACE



Evidence-based health facilities that enable world-class health care.

2 BASE OPS & FACILITIES

INSTALLATION COMMAND TEAMS,
PUBLIC WORKS,
MISSILE DEFENSE AGENCY,
DEFENSE LOGISTICS AGENCY



ASA IE&E, ACSIM, IMCOM, DoD
USACE MSCs, USARC/RSCs, AMC
HQ USACE



Sustainable, integrated, and secure installations that allow commanders to focus on readiness.

3 ENERGY

INSTALLATION COMMAND TEAMS,
ENERGY MANAGERS



OEI, ACSIM, OEA, DoD, AFCEC,
ESCO, DOE/FEMP, IMCOM
HQ USACE



Cyber secure, comprehensive, integrated energy security resiliency and efficiency solutions that allow customers to make decisions, troubleshoot & manage critical infrastructure.

4 OPERATIONAL TECHNOLOGY

FACILITY, UTILITY, &
INFRASTRUCTURE
MANAGERS



DoD, VA, USACE DISTRICTS
HQ USACE



Increased security, productivity, and efficiency of facilities.

5 ENVIRONMENTAL

USACE DISTRICTS,
INSTALLATIONS,
COMBATANT COMMANDS,
U.S. AIR FORCE



ASA IE&E, EPA, OSD
ACSIM, MSCs, DTRA, ACWA
HQ USACE



Expertise, facilities, and lands that ensure protection of human health and the world-wide environment.



PROFESSIONAL WORKFORCE



- Professional Engineers – 115
- Project Management Professionals – 51
- Contracting Officers holding warrants \$500 million or higher – 18
- PhDs – 20
- Registered Architects – 17
- Registered Interior Designers – 24
- LEED Certified – 10
- Acquisition Workforce – 730
(Level 1: 42, Level 2: 256, Level 3: 432)
- Certified Energy Managers – 11
- CyberSecurity: 6

Huntsville Center has 1,055 employees

Three locations:

- **Huntsville, Alabama**
- **Omaha, Nebraska (EMCX)**
- **Fort Belvoir, Virginia (MCX)**

PEOPLE: The Huntsville Center's greatest strength is its people – the intelligent, adaptable and professional Soldiers and civilians who deliver vital public and military engineering solutions and services to the nation and its partners.

EXPERTISE: The U.S. Army Engineering and Support Center, Huntsville's workforce of professional, highly skilled, technical experts are committed to providing innovative engineering solutions to unique, complex, global missions to meet the needs of our stakeholders and the nation.



SMALL BUSINESS PRIME AWARDS



FY20 USACE
Targets
SB 40.50%
SDB 19.50%
WOSB 6.50%
HUBZone 5.00%
SDVOSB 4.50%

Source: VCE through
30 SEP 2019 and
30 SEP 2020

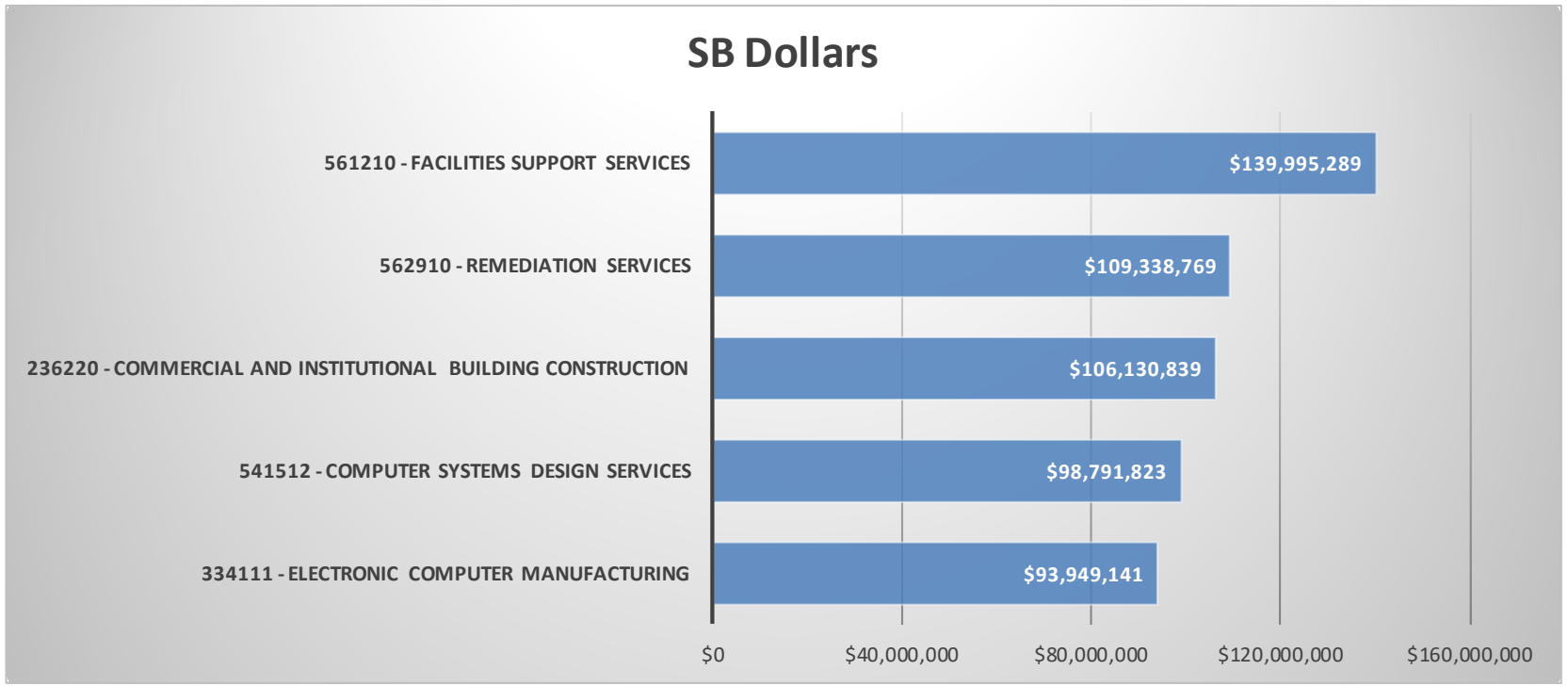
CATAGORIES	\$ OBLIGATIONS		% OBLIGATIONS		HNC GOALS FY20-21
	FY19	FY20	FY19	FY20	
	\$1,810,855,170	\$1,990,945,541			
Small Biz	\$793,993,350	\$824,441,493	43.85%	41.41%	35.63%
Disadvantaged SB	\$416,808,345	\$397,151,863	23.02%	19.95%	19.50%
Woman Owned SB	\$114,578,695	\$140,610,397	6.33%	7.06 %	6.00%
HUBZone SB	\$93,584,816	\$81,224,147	5.17%	4.08%	3.00%
Service Disabled Veteran Owned SB	\$98,550,725	\$94,068,105	5.44%	4.72%	4.33%
Other Than Small Biz	\$1,016,861,820	\$1,166,504,048	56.15%	58.59%	
COMPETITION	\$1,697,566,848	\$1,945,501,490		89.96%	85.00%



FY20 TOP FIVE NAICS CODES BY DOLLARS (WITHIN HNC)



NAICS Description	SB Dollars
334111 - ELECTRONIC COMPUTER MANUFACTURING	\$93,949,141
541512 - COMPUTER SYSTEMS DESIGN SERVICES	\$98,791,823
236220 - COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION	\$106,130,839
562910 - REMEDIATION SERVICES	\$109,338,769
561210 - FACILITIES SUPPORT SERVICES	\$139,995,289

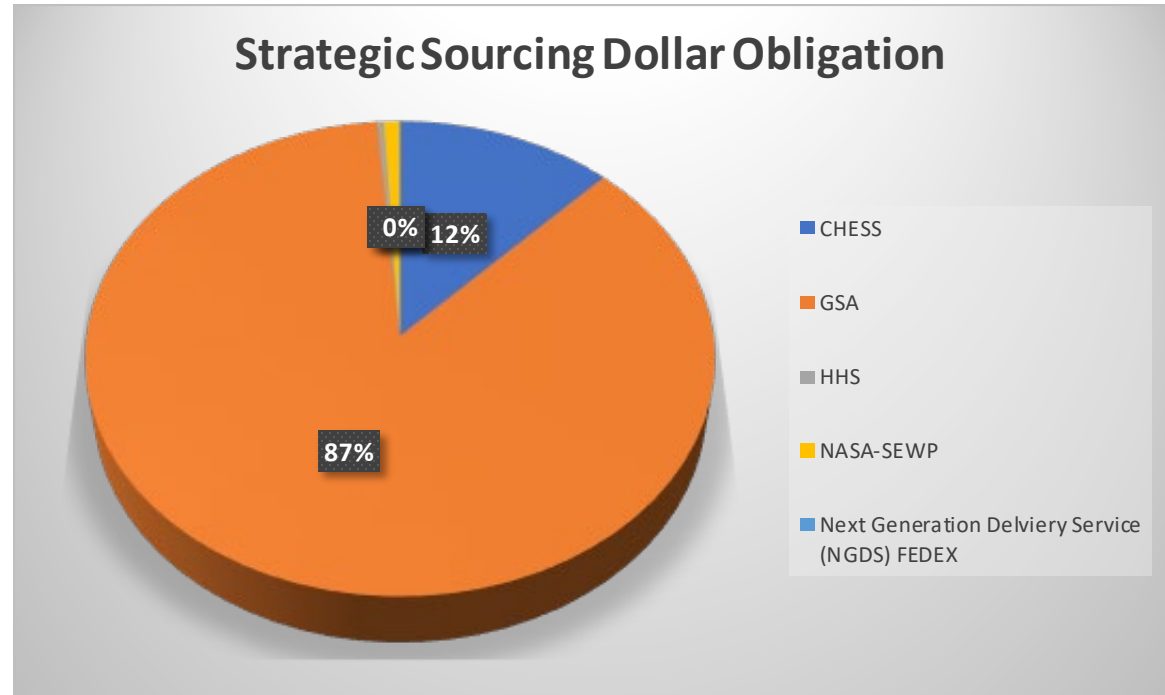




TOP STRATEGIC SOURCING IN FY20



Strategic Sourcing to External Awards	Dollar Obligation
CHES	\$61,766,256.12
GSA	\$437,874,447.86
HHS	\$1,837,669.49
NASA-SEWP	\$4,530,360.20
Next Generation Delivery Service (NGDS) FEDEX	\$18,969.40



HNC Current Underway Acquisitions



Current Acquisitions OCT 2020					
Requiring Organization	Project Name (in P2)	ACQ Type	Capacity	Estimated RFP Date or PSSSTP Date (A-E Contracts)	Estimated Award Date
OE	ChEM-RU (Chemical, Environmental and Munitions Response - Unrestricted)	MATOC	\$1.136B	7-Jan-21	28-Dec-21
OE	\$49M EERA (Emerging Environmental Requirments Acquisition)	MATOC	\$49M	7-Oct-20	13-Sep-21
OE	\$750M IRES2 (International Remediation and Environmental Services)	MATOC	\$750M	18-Feb-21	27-Jun-22
OE	QA Seeding	MATOC	\$49M	5-Nov-20	2-Dec-21
ISC	HPCIT Vicksburg, MS HPCMP HITS-R II (FY20)	SATOC	\$249M	28-Dec-18	17-Nov-20
IST	DM Desigo/Apogee SATOC III Acquisition	SATOC	\$295M	16-Sep-20	19-Feb-21
ISM	MFSS IIA PROJECT	MATOC	\$125M	4-Jun-19	24-Apr-20
ISM	F8 FY18 IOT MATOC3	MATOC	\$495M	1-Nov-19	21-Jan-21
ISF	D5 FY20 FRP MATOC	MATOC	\$475M		
	Northeast Region		\$95M	10-Jun-20	10-Mar-21
	Southeast Region		\$95M	15-Jul-20	26-Mar-21
	Midwest Region		\$95M	15-Jul-20	26-Mar-21
	West Region		\$95M	25-Aug-20	28-Apr-21
	Pacific Region		\$95M	25-Aug-20	28-Apr-21
ISF	FY18, LF, ACP DB MATOC	MATOC	\$95M	11-Sep-20	9-Aug-21
ISF	D2 FY 21 FRR MATOC	MATOC	\$450M	22-Sep-20	6-Jan-22
ISC	HPCIT Vicksburg, MS HPCMP HITS-U II (FY21)	Task Order	\$820M	15-Dec-20	4-Feb-22
ISM	Medical Division AE	IDC	\$200M	2-Dec-20	23-Dec-21
ISC	NSSG Internal Support	Task order	\$69M	7-Jul-20	26-Feb-21
ISE	FY20 CY TPSS Acquisition	MATOC	\$49M	28-Aug-20	16-Feb-21
ISC	FTI-MED DHA FCDS Services Acquisition	IDC	\$34M	12-Aug-20	17-Dec-20
ISE	\$45 REM 3.0 BPA	BPA	\$45M	25-Aug-20	26-Mar-21
IST	ESS VII MATOC	MATOC	\$650M	18-Mar-21	21-Apr-21
ISC	Technology Insertion (TI) Basic Ordering Agreement (BOA)	BOA	\$369.75M	13-Apr-21	9-Jun-21



CYBERSECURITY MATURITY MODEL CERTIFICATION (CMMC) ASSESSMENT AND PREPARATION

- Cybersecurity Maturity Model Certification (CMMC) is a DoD certification process that measures a company's ability to protect Federal Contract Information (FCI) and Controlled Unclassified Information (CUI).
- CMMC is designed to provide the DoD assurance that a contractor can adequately protect CUI at a level commensurate with the risk, accounting for flow down to subcontractors in a multi-tier supply chain
- CMMC Ver. 1.0 was released on 31Jan20. <https://www.acq.osd.mil/cmmc/index.html>
- The CMMC effort builds upon existing regulation, specifically, 48 Code of Federal Regulations (CFR) 52.204-21 and Defense Federal Acquisition Regulation Supplement (DFARS) 252.204-7012, and incorporates practices from multiple sources such as NIST SP 800-171 rev 1, Draft NIST SP 800-171B, the United Kingdom's Cyber Essentials, and Australia's Essential Eight [4,11,12,47]
- CMMC combines various cybersecurity standards and maps these best practices and processes to maturity levels:
 - **Level 1** – “Basic Cyber Hygiene” – In order to pass an audit for this level, the DoD contractor will need to implement 17 controls of NIST 800-171 rev1.
 - **Level 2** – “Intermediate Cyber Hygiene” – In order to pass an audit for this level, the DoD contractor will need to implement another 48 controls of NIST 800-171 rev1 plus 7 new “Other” controls.
 - **Level 3** – “Good Cyber Hygiene” – In order to pass an audit for this level, the DoD contractor will need to implement the final 45 controls of NIST 800-171 rev1 plus 13 new “Other” controls.
 - **Level 4** – “Proactive” – In order to pass an audit for this level, the DoD contractor will need to implement 11 controls of NIST 800-171 RevB plus 15 new “Other” controls
 - **Level 5** – “Advanced / Progressive” – In order to pass an audit for this level, the DoD contractor will need to implement the final 4 controls in NIST 800-171 RevB. plus 11 new “Other” controls
- The intent is to identify the required CMMC level in RFP sections L and M and use it as a “go / no go decision.”



CYBERSECURITY MATURITY MODEL CERTIFICATION (CMMC) ASSESSMENT AND PREPARATION

- **OUSD(A&S) will work with Services and Agencies to identify candidate programs that will have the CMMC requirement during FY21-FY25 phased roll-out**

Total Number of New Prime Contracts Awarded Each Year with CMMC Requirement				
FY21	FY22	FY23	FY24	FY25
15	75	250	479	479

	Total Number of Prime Contractors and Sub-Contractors with CMMC Requirement				
	FY21	FY22	FY23	FY24	FY25
Level 1	895	4,490	14,981	28,714	28,709
Level 2	149	748	2,497	4,786	4,785
Level 3	448	2,245	7,490	14,357	14,355
Level 4	4	8	16	24	28
Level 5	4	8	16	24	28
Total	1,500	7,500	25,000	47,905	47,905

- **All new DoD contracts will contain the CMMC requirement starting in FY26**



TOP 10 THINGS TO KNOW ABOUT HNC



1. WE DO NO MILCON OR CIVIL WORKS

- We upgrade, repair, sustain & maintain existing facility, utility, infrastructure & lands
- We provide back-up support to MSC/GDs
- We have great depth in technical SME

2. WE DO NOT HAVE GEOGRAPHIC BOUNDARIES

- We execute programmatically w/ 43 programs
- Our programs are unique, niche, technically complex or cutting edge, low density or require central PgMP

3. WE HAVE A STANDING LNO PROGRAM

- GS-15 Directors w/ HQs and strategic stakeholder
- GS-15 Division Chiefs w/ USACE MSCs
- GS-14 Branch Chiefs w/ USACE GDs

4. WE ARE ASSIGNED 14 CENTERS OF EXPERTISE

- 8 Mandatory Centers of Expertise
- 6 Technical Centers of Expertise

5. WE HAVE MAJOR CONTRACT TOOLS (\$100M+)

- Env, Energy, FRR/FRP/MRR, UMCS/ESS, Land Clearance, P&P, BMD AE, etc

6. WE HAVE CUTTING EDGE EXPERTISE

- Control Systems Cyber (Tech & Execution) (RMF/ATO)
- Facilities Technology Integration
- CBR Demilitarization
- Low Voltage Systems
- Facilities Technology Integration
- Facilities Explosive Safety

7. WE HAVE OTHER CRITICAL CAPABILITIES

- Ordnance & Explosives Assessment/Remediation/Demilitarization
- HTRW/Chem/Bio/Nuclear Expertise
- Facilities Explosives Safety Experts for USACE and DA (DDESB Review for DA/DoD)

8. WE HAVE A DIVISION DEDICATED TO ENERGY AND ENERGY SAVINGS

- 3D Party Financed (ESPC, UESC, PPA)
- CUP/UP/Rate Intervention
- AMP
- ERCIP

9. WE ARE DLA-ENERGY'S CENTRAL PROGRAM MANAGERS FOR FUELS SRM WORK

- RM and MR
- Surge capacity for incident repair

10. WE ARE BMD CENTRAL PROGRAM MANAGER (P&P, COMMS, COORDINATION – NOT CONSTRUCTION)

- MDA
- SMDC
- Enterprise BMD AE Services IDC



CLOSING COMMENTS



- Any questions?
- Closing Comments from COL Griffin/Mr. Marin